

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110323\
 Data File : BF136122.D
 Acq On : 03 Nov 2023 14:08
 Operator : CG\JU
 Sample : 05096-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Nov 04 00:07:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	105618	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	397286	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	194403	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	313676	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	215542	20.000	ng	-0.01
86) Perylene-d12	15.492	264	266684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	394065	58.630	ng	0.00
7) Phenol-d6	6.445	99	289570	34.579	ng	-0.01
23) Nitrobenzene-d5	7.381	82	691774	104.967	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	271035	130.618	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1232546	101.069	ng	0.00
79) Terphenyl-d14	12.951	244	1186899	85.574	ng	0.00

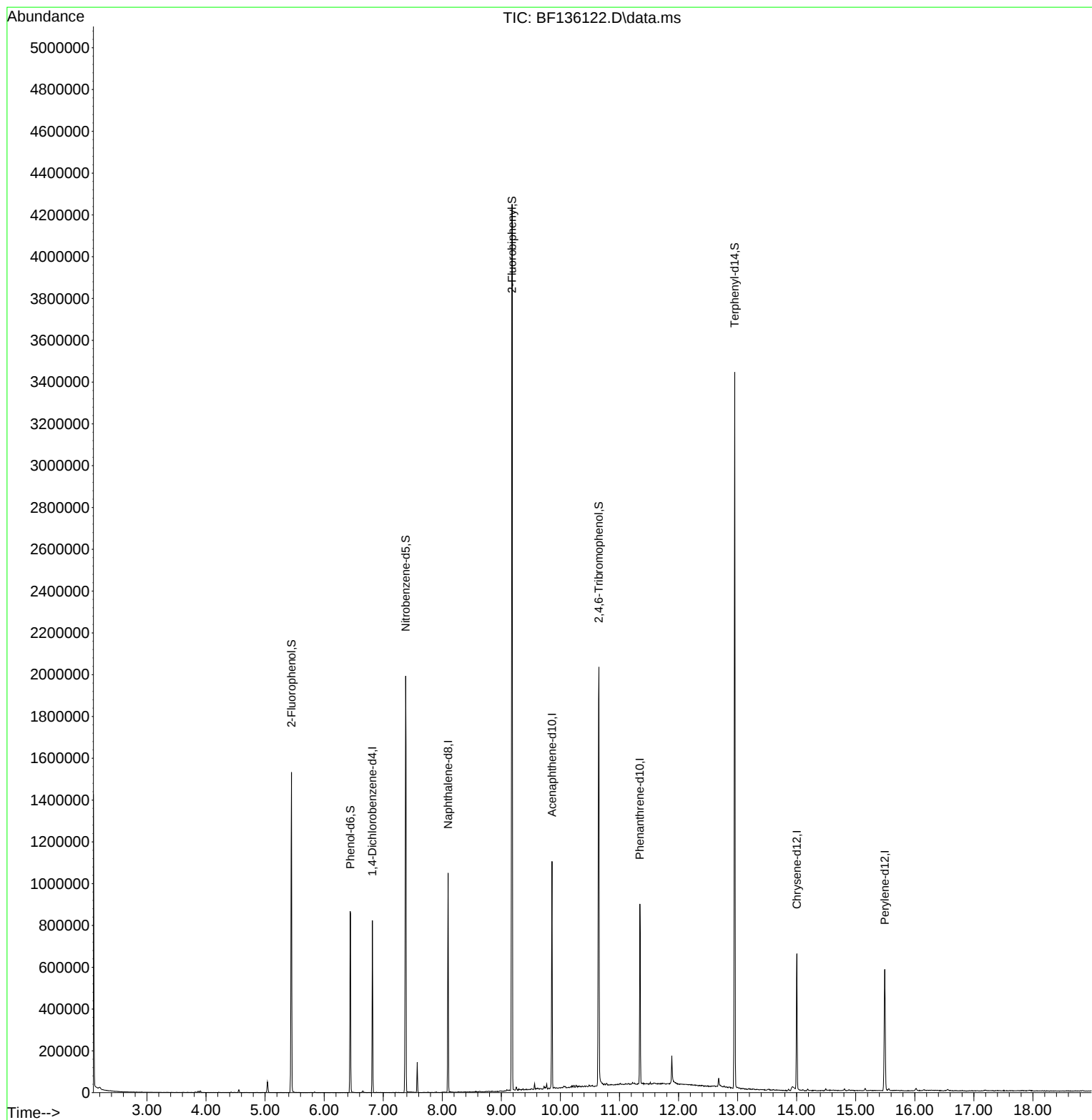
Target Compounds	Qvalue

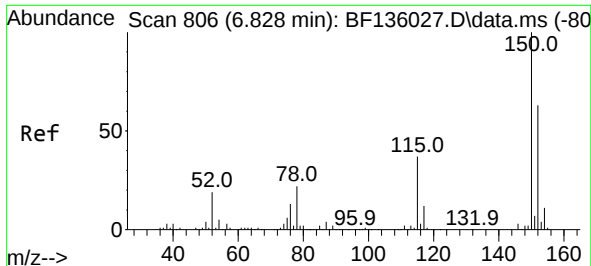
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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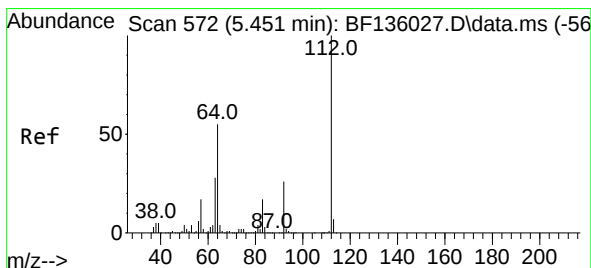
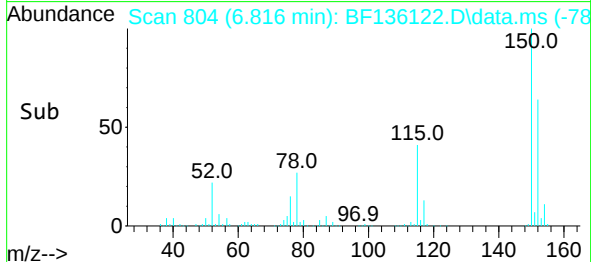
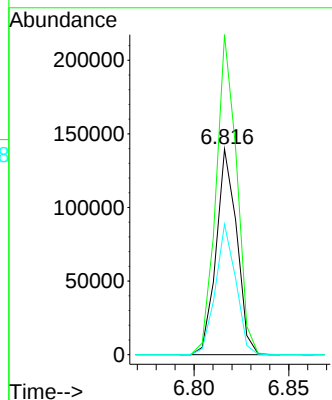
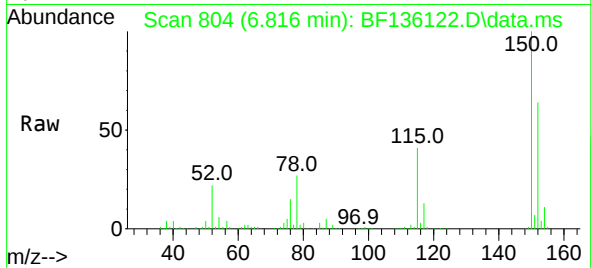




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

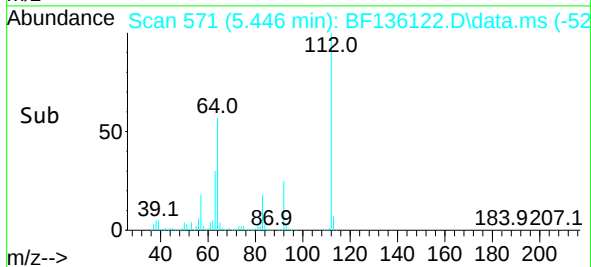
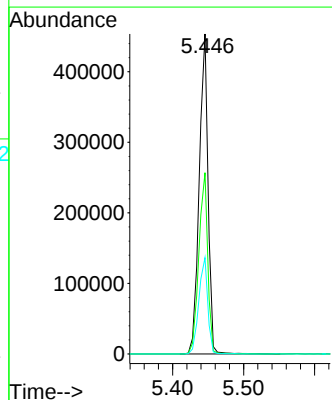
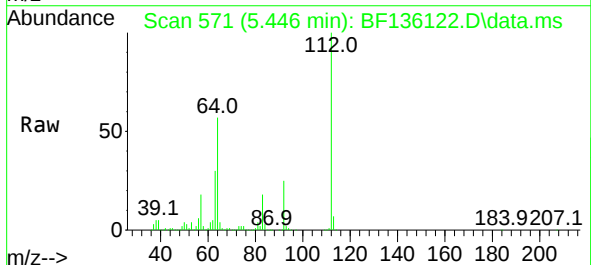
Instrument :
BNA_F
ClientSampleId :
MW-5

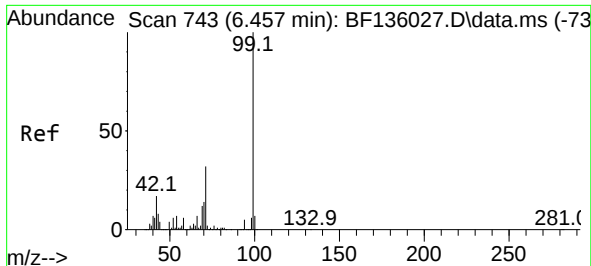
Tgt Ion:152 Resp: 105618
Ion Ratio Lower Upper
152 100
150 155.7 126.4 189.6
115 63.6 47.0 70.4



#5
2-Fluorophenol
Concen: 58.630 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

Tgt Ion:112 Resp: 394065
Ion Ratio Lower Upper
112 100
64 56.6 43.9 65.9
63 30.1 22.4 33.6

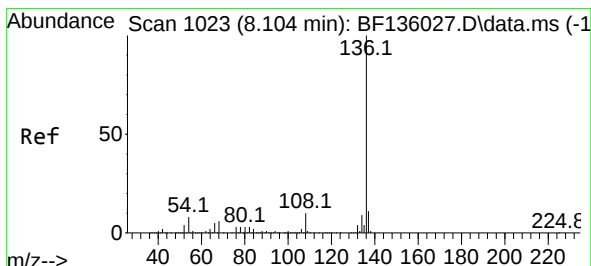
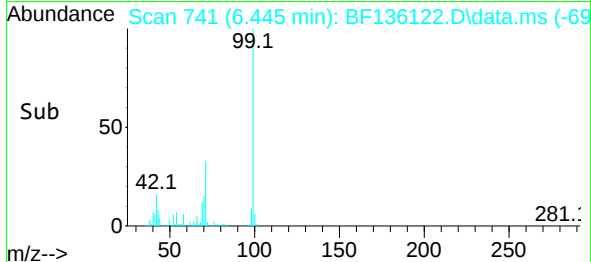
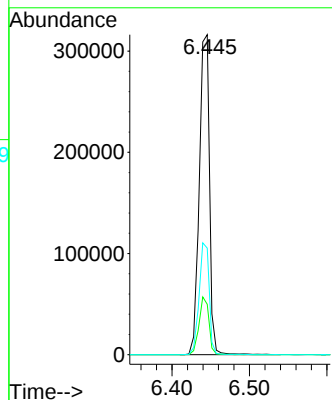
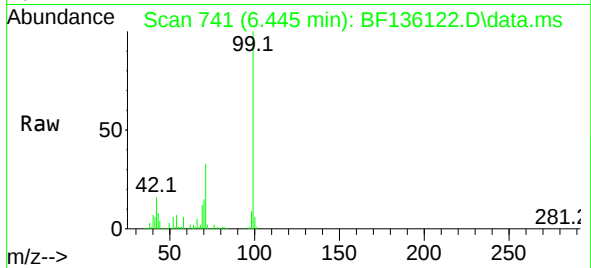




#7
Phenol-d6
Concen: 34.579 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

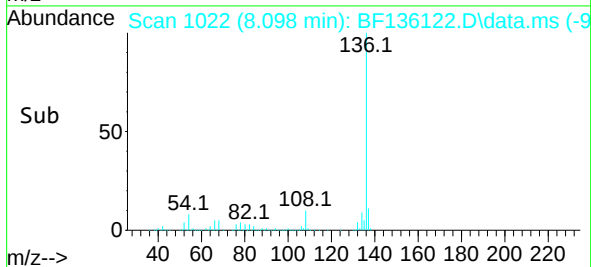
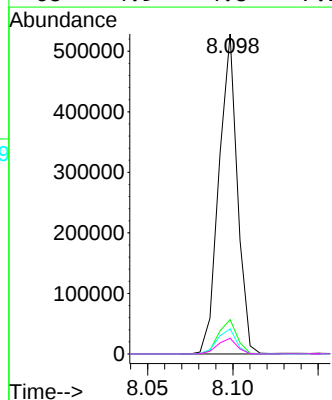
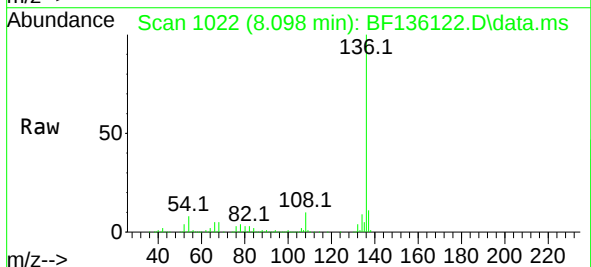
Instrument :
BNA_F
ClientSampleId :
MW-5

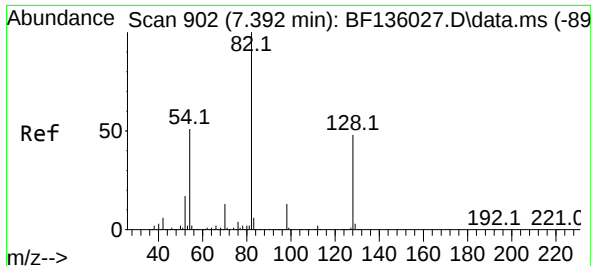
Tgt Ion: 99 Resp: 289570
Ion Ratio Lower Upper
99 100
42 15.8 13.7 20.5
71 33.3 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

Tgt Ion: 136 Resp: 397286
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.9 6.6 9.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 104.967 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF136122.D

Acq: 03 Nov 2023 14:08

Instrument :

BNA_F

ClientSampleId :

MW-5

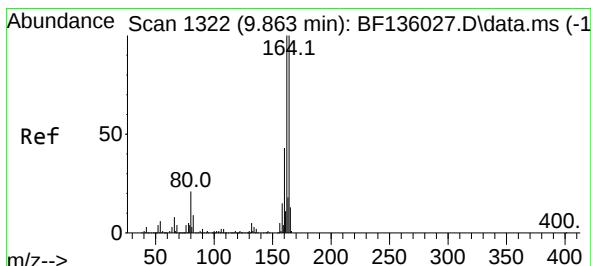
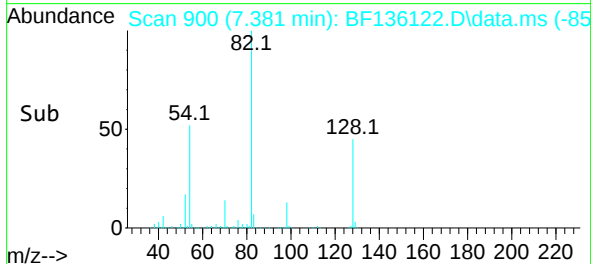
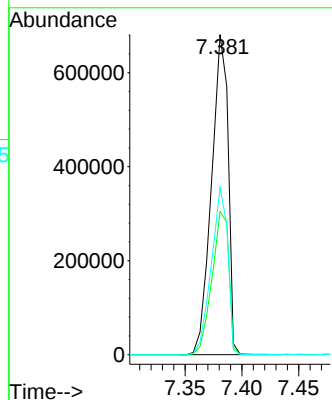
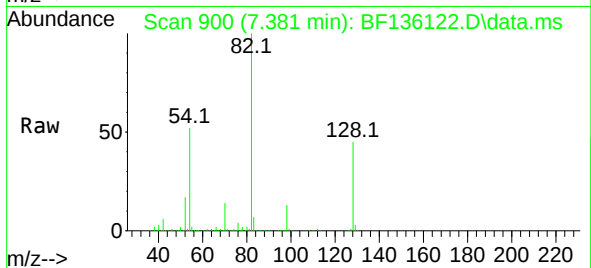
Tgt Ion: 82 Resp: 691774

Ion Ratio Lower Upper

82 100

128 44.7 38.6 57.8

54 52.3 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF136122.D

Acq: 03 Nov 2023 14:08

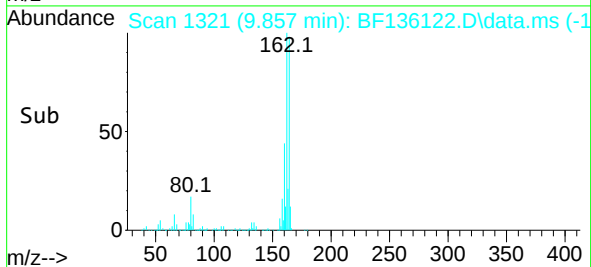
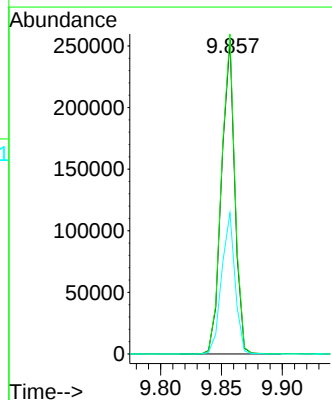
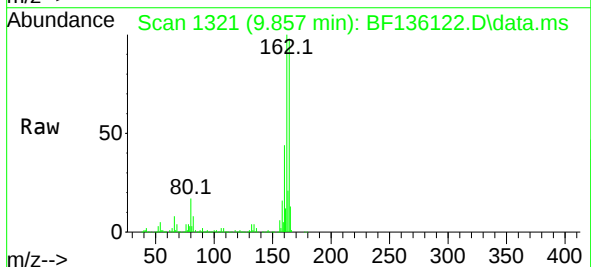
Tgt Ion:164 Resp: 194403

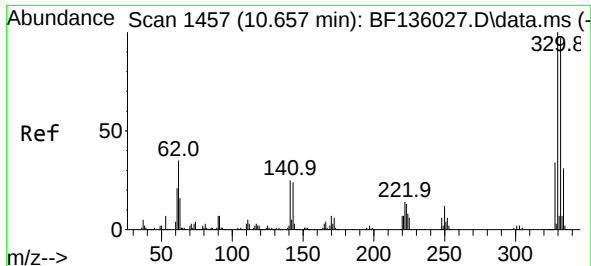
Ion Ratio Lower Upper

164 100

162 101.9 80.1 120.1

160 44.9 34.8 52.2

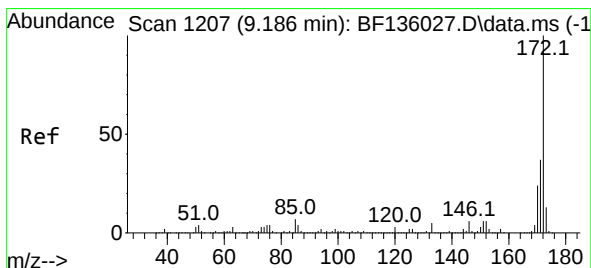
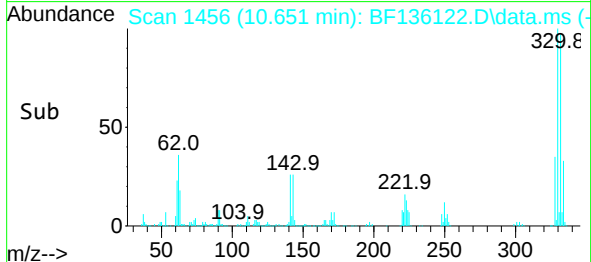
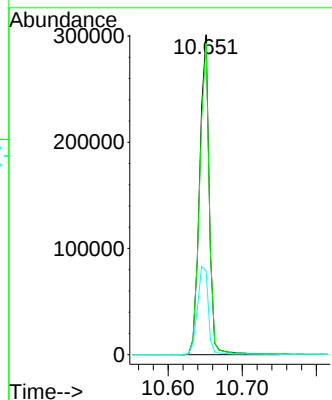
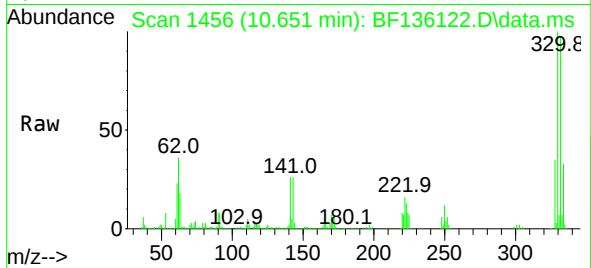




#42
2,4,6-Tribromophenol
Concen: 130.618 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

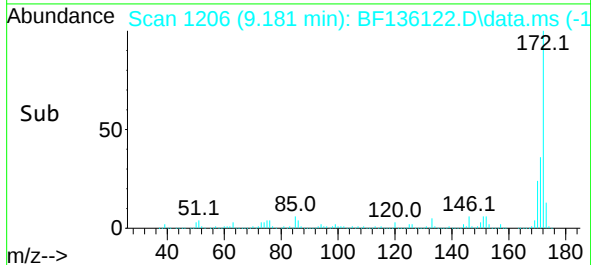
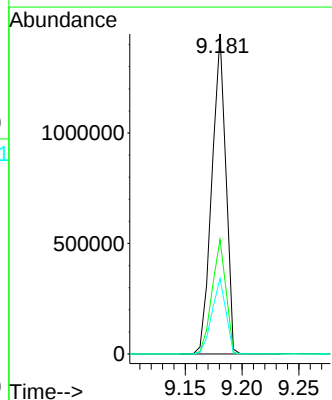
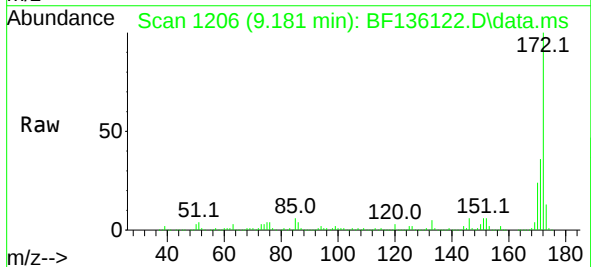
Instrument :
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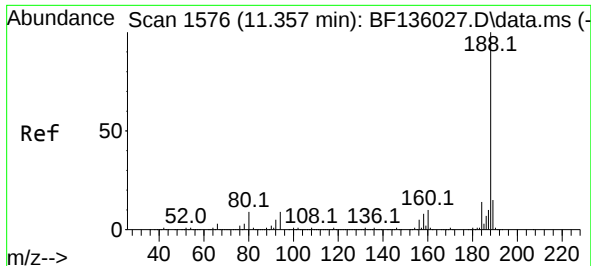
Tgt Ion:330 Resp: 271035
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 31.5 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 101.069 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

Tgt Ion:172 Resp: 1232546
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.6 19.3 28.9

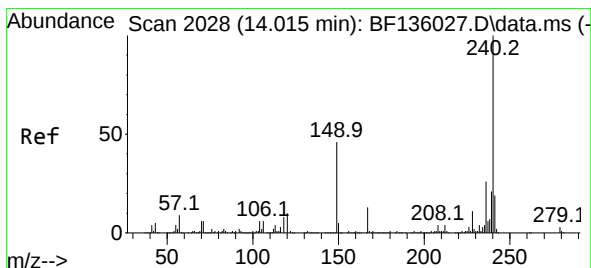
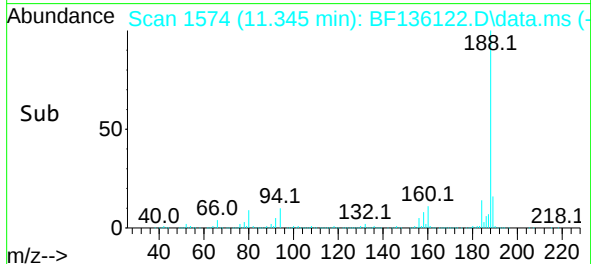
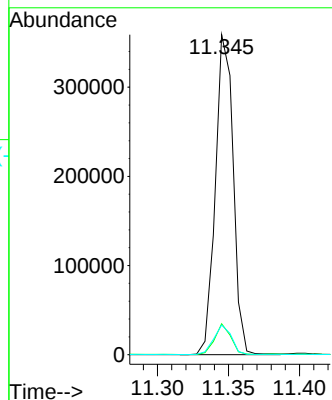
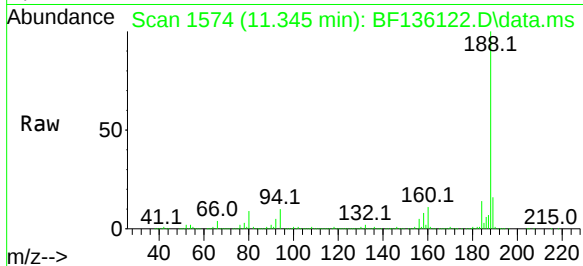




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

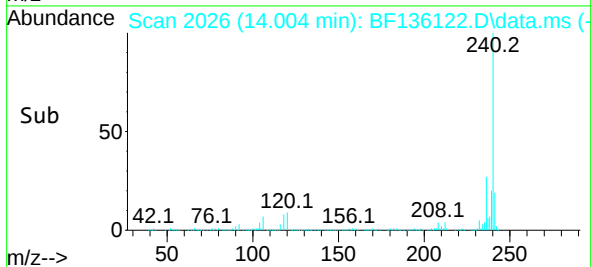
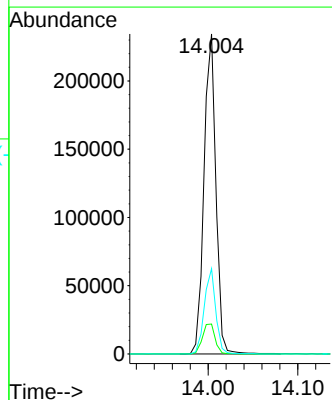
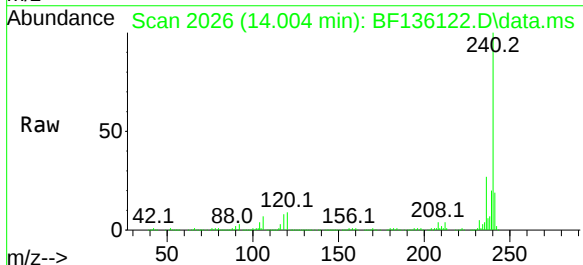
Instrument :
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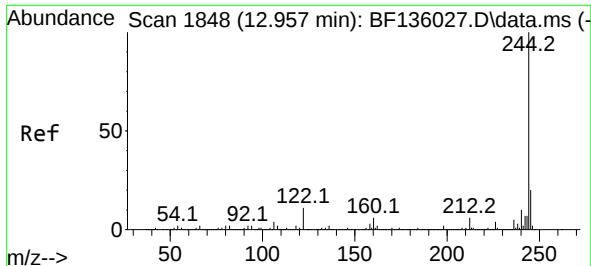
Tgt Ion:188 Resp: 313676
Ion Ratio Lower Upper
188 100
94 9.7 7.2 10.8
80 9.3 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF136122.D
Acq: 03 Nov 2023 14:08

Tgt Ion:240 Resp: 215542
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 26.7 20.6 31.0

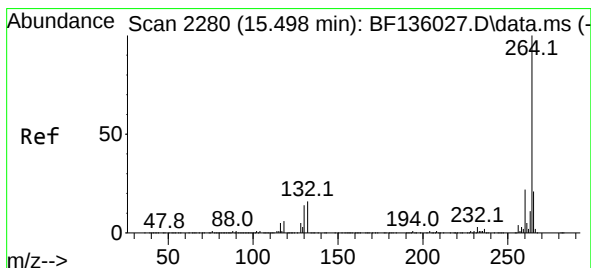
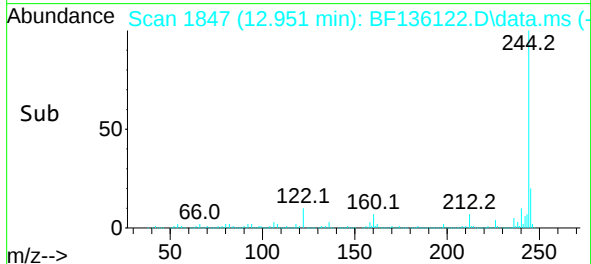
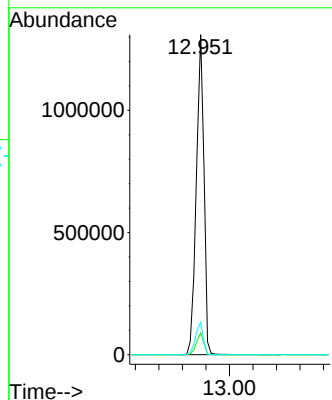
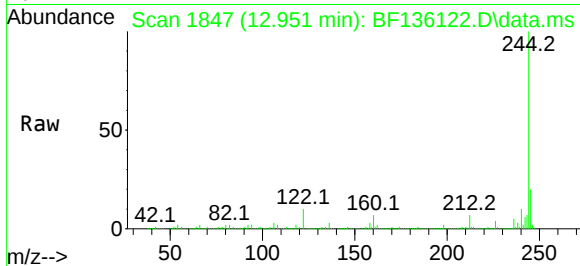




#79
 Terphenyl-d14
 Concen: 85.574 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136122.D
 Acq: 03 Nov 2023 14:08

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tgt Ion:244 Resp: 1186899
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136122.D
 Acq: 03 Nov 2023 14:08

Tgt Ion:264 Resp: 266684
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.9 26.9
 265 21.3 16.8 25.2

